

POWERED BY **Dialog****Prevention of corrosion along tear-off line of metal can - involves spraying corrosion protection medium by method suitable for any shape of can****Patent Assignee:** KARGES HAMMER MASCH GMBH & CO**Inventors:** DENECKE H**Patent Family**

| Patent Number | Kind | Date | Application Number | Kind | Date | Week | Type |
|---------------|------|----------|--------------------|------|----------|--------|------|
| DE 4120836 | A1 | 19930107 | DE 4120836 | A | 19910624 | 199302 | B |
| WO 9300173 | A1 | 19930107 | WO 92DE516 | A | 19920624 | 199304 | |

Priority Applications (Number Kind Date): DE 4120836 A (19910624)**Cited Patents:** [EP 373034](#) ; [FR 2423339](#); [US 4842887](#)**Patent Details**

| Patent | Kind | Language | Page | Main IPC | Filing Notes |
|---|------|----------|------|-------------|--------------|
| DE 4120836 | A1 | | 4 | B05B-012/02 | |
| WO 9300173 | A1 | | 15 | B05B-012/12 | |
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Abstract:

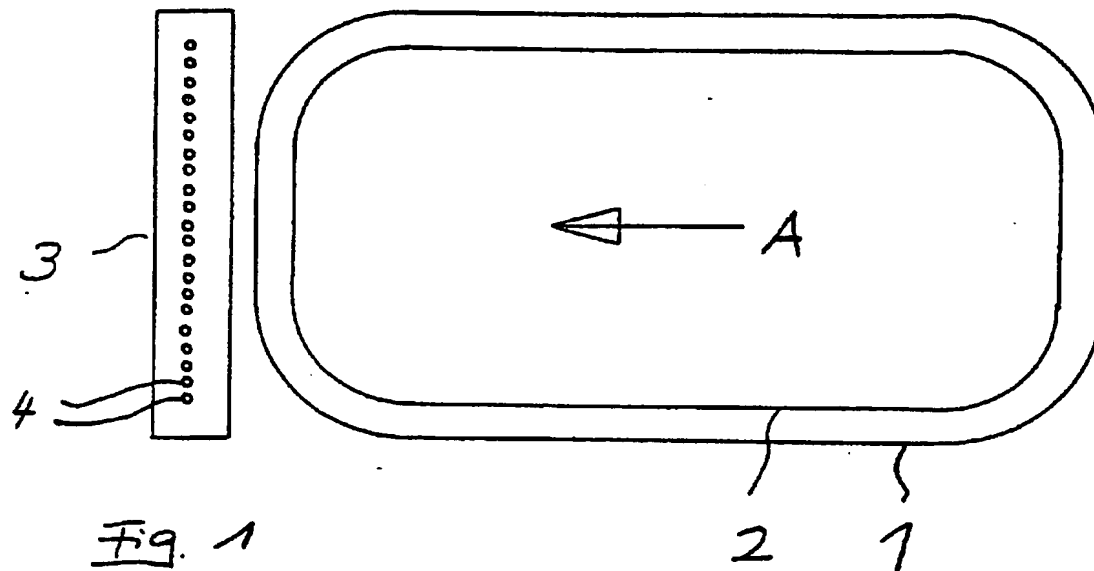
DE 4120836 A

A metal can for preserved foodstuff such as fish is of rectangular form with rounded corners. The can has a lid (1) which is provided with a tear-off line (2) for easy opening. The metal along the tear-off line is protected from corrosion by spraying a corrosion protection medium.

The medium is sprayed from a row of nozzles (4) in a spray head (3) with each nozzle being opened or closed by a needle. The lid is mounted on a belt which transports the lid over the spray head which is controlled so that only those nozzles aligned with the tear-off line are open.

USE/ADVANTAGE - Protection from corrosion of tear-off lines on metal cans. The method is applicable to cans of non-cylindrical form.

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DIALOG(R)File 351:Derwent WPI

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WPI Acc No: 1979-63132B/197934

Can end prodn. - from thermoplastics material-coated sheet, involves
forming score line and heating

Patent Assignee: METAL BOX CO SOUTH AFRICA (METB)

Inventor: GOTZ J A

Number of Countries: 001 Number of Patents: 001

Patent Family:

| Patent No | Kind | Date | Applicat No | Kind | Date | Week |
|------------|------|----------|-------------|------|------|----------|
| ZA 7801228 | A | 19790403 | | | | 197934 B |

Priority Applications (No Type Date): ZA 781228 A 19780302

Abstract (Basic): ZA 7801228 A

A scored thermoplastic coated lid is made by coating the lid with
the thermoplastic (30), scoring it at least partially through the
substrate (12), and then heating the lid to cause the thermoplastic to
flow over and conceal the score line. A specific thermoplastic is wax.

ADVANTAGES

Because the score line is covered by the thermoplastic, lids of
corrodible metals such as tin plate or steel can be used.

Title Terms: CAN; END; PRODUCE; THERMOPLASTICS; MATERIAL; COATING; SHEET;
FORMING; SCORE; LINE; HEAT

Derwent Class: A92; M13; Q32

International Patent Class (Additional): B65D-007/00

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